

Study	Author	PSC [95% CI]
direction = up		
Anil	2022	-0.35 [-87.17; 86.47]
Cannon	2014	0.58 [0.05; 1.12]
Cheng	2015	0.23 [-36.76; 37.22]
Christie	2020	0.28 [-0.81; 1.38]
Dekker	2014	-0.13 [-0.24; -0.02]
Dempster	2009	0.10 [-5.56; 5.76]
Domingos_3	2021	0.01 [-0.18; 0.21]
Domingos_4	2021	0.16 [-0.00; 0.32]
Enz_2	2022	-0.15 [-7.55; 7.25]
Eschmann	2022	0.02 [0.02; 0.03]
Fedotchev	2018	0.10 [-3.57; 3.76]
Gevensleben	2014	0.62 [-19.15; 20.39]
Goksin	2019	0.24 [0.09; 0.38]
Guleken	2020	0.32 [-0.43; 1.06]
Hellrung_1	2018	0.16 [-0.07; 0.39]
Hellrung_2	2018	0.58 [0.21; 0.95]
Hoedlmoser	2008	0.05 [-0.42; 0.51]
Kober_5	2013	8.80 [6.85; 10.75]
Kober_2	2020	4.50 [4.49; 4.51]
Kober_3	2022	0.31 [-0.22; 0.83]
Krogmeier	2022	-0.12 [-1.18; 0.93]
Maszczyk	2018	-0.26 [-3.77; 3.25]
Naas	2019	> Inf [Inf; Inf]
Patel	2021	0.33 [-2.21; 2.87]
Perez-Elvira_2	2021	0.01 [-3.34; 3.36]
Perez-Elvira_1	2021	0.06 [-2.73; 2.84]
Pimenta_2	2018	-0.01 [-0.28; 0.26]
Pimenta_1	2018	0.03 [-0.24; 0.30]
Rijken	2016	-0.06 [-0.66; 0.54]
Shibata_1	2016	-1.21 [-1.32; -1.09]
Shibata_2	2016	-0.28 [-0.39; -0.16]
Shtoots_2	2021	0.26 [-0.73; 1.25]
Shtoots_1	2021	0.20 [-0.25; 0.66]
Staufenbiel_1	2014	0.45 [-2.37; 3.28]
Staufenbiel_2	2014	-0.15 [-1.99; 1.70]
Studer_2	2014	0.02 [-0.62; 0.66]
Studer_1	2014	-0.80 [-5.27; 3.67]
Tribat	2007	0.02 [-4.08; 4.13]
vanSon_1	2020	0.64 [-2.32; 3.60]
vanSon_2	2020	-0.21 [-0.95; 0.53]
Weiss	2022	0.40 [0.31; 0.50]
Witte	2013	0.05 [-0.43; 0.52]
Yamashita_1	2017	-0.49 [-0.57; -0.41]
ZandiMehran_1	2013	0.01 [-0.48; 0.51]
Random effects model		
Heterogeneity: $I^2 = 100\%$, $p = 0$		
Test for effect in subgroup: $z = \text{Inf}$ ($p = 0$)		
direction = up_down		
deZambotti	2012	0.13 [0.10; 0.16]
Gadea	2020	0.09 [-0.69; 0.87]
Random effects model		
Heterogeneity: $I^2 = 0\%$, $p = 0.92$		
Test for effect in subgroup: $z = 8.68$ ($p < 0.01$)		
direction = down		
Emmert_2	2014	-0.37 [-1.14; 0.41]
Emmert_1	2014	-0.28 [-1.10; 0.53]
Enz_1	2022	0.04 [-5.90; 5.97]
Wada	2017	-15.73 [-27.41; -4.04]
Yamashita_2	2017	1.00 [0.92; 1.08]
Zhang	2013	-0.25 [-1.07; 0.56]
Random effects model		
Heterogeneity: $I^2 = 87\%$, $p < 0.01$		
Test for effect in subgroup: $z = -0.09$ ($p = 0.93$)		
Random effects model		
Heterogeneity: $I^2 = 100\%$, $p = 0$		
Test for subgroup differences: $\chi^2_2 = 0.12$, $df = 2$ ($p = 0.94$)		